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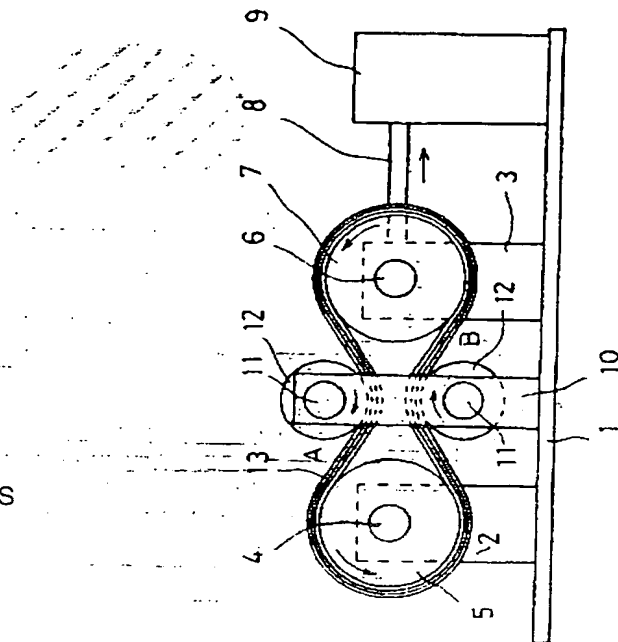
APPLICATION DATE : 19-11-85
APPLICATION NUMBER : 60259504

APPLICANT : KOBE STEEL LTD;

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TITLE : STRAIGHTENING METHOD FOR METALLIC MULTILAYER ENDLESS BELT



ABSTRACT : PURPOSE: To improve the straightening accuracy by installing plural tension rollers which circularly run a belt and auxiliary rollers being pressed on the outside peripheral surface of the belt and moving the tension rollers in the direction in which the rollers move oppositely to each other.

CONSTITUTION: A stationary roller 5 and a tension roller 7 are set on a stationary bearing 2 and a movable bearing 3, respectively. A pair of upper and lower auxiliary rollers 12 and 12 are also set on an auxiliary roller stand 10. The face-to-face distance between the rollers 12 is set a value smaller than the diameter of the rollers 5 and 7. A belt 13 is put on the rollers 5 and 7, the roller 5 is driven, and the bearing 3 is moved to the right through a hydraulic cylinder 9. During that time, a positive bending deformation by the rollers 5 and 7 and a negative bending deformation by the rollers 12 and 12 are given to the belt 13. Therefore, the peripheral length of every layers of the belt 13 is straightened simultaneously and with a high accuracy.

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